

**JPEO-CBD**

**BIO 2003 Annual Convention  
Washington Convention Center**

**Washington DC  
June 25 03**

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# Mission and Vision

## Mission

**Primary Responsibility for Directing Assigned Acquisition Programs. Responsible for Research, Development, Acquisition, Fielding and Life-Cycle Support of Chemical, Biological, Radiological, and Nuclear Defense Equipment and Medical Countermeasures Supporting the National Military Strategy**

## Vision

**Provide the Best Chemical and Biological Defense Technology, Equipment and Medicine at the Right Cost, at the Right Time and at the Right Place.**

# Joint Program Executive Office

## Joint Service Project Managers

### Contamination Avoidance



### Decontamination



### Collective Protection



### PM Guardian



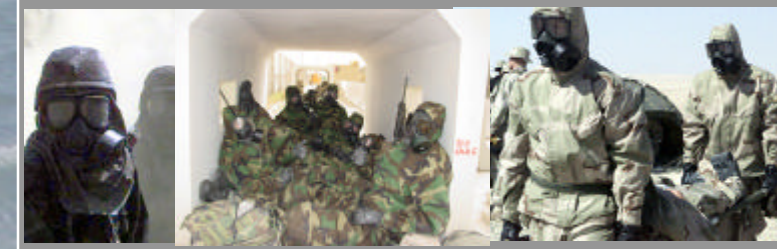
### Medical Systems



### Information Systems



### Individual Protection



## Joint Service Materiel Solutions



# Missions



**PREVENT**



**PROTECT**



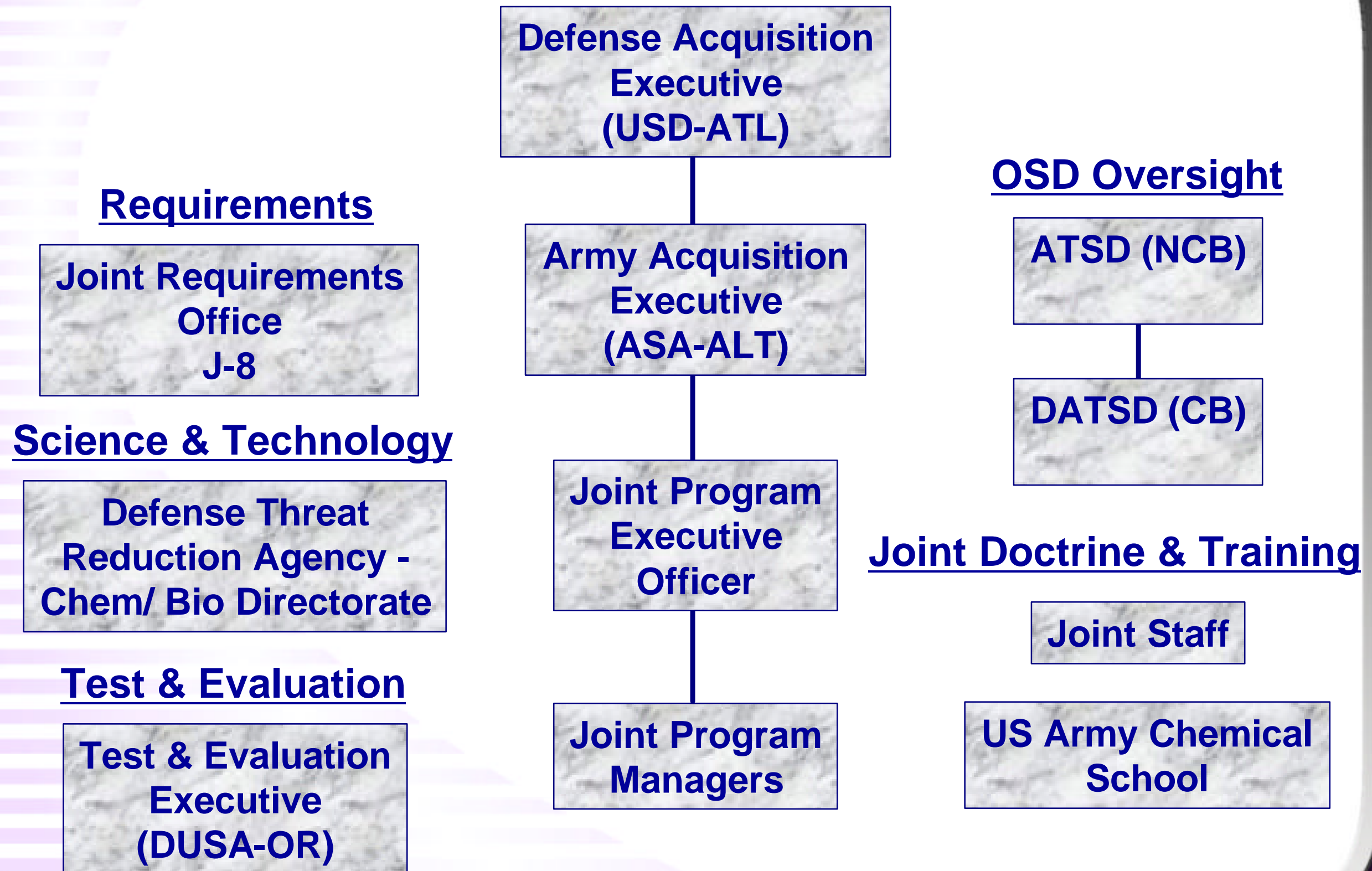
**DETECT**



**RESTORE OPERATIONS**



# Chem/ Bio Defense Program Acquisition Organizations



# Chemical/Biological Defense Business Contacts

## Program Development Process

Basic/Applied Research	Advanced Technology Development	Advanced Component Development	System Development and Demonstration	Production and Operational System Development
1-2-3-4	5-6	6-7	7-8	8-9

## Technology Readiness Levels

1 – Basic Principles Observed  
 2 – Technology Concept Formulated  
 3 – Proof of Concept  
 4 – Laboratory Environment Component/Breadboard Demo  
 5 – Relevant Environment Component/Breadboard Demo

6 – Prototype Demo in Relevant Environment  
 7 – Prototype Demo in Operational Environment  
 8 – System Qualified through Test and Demo  
 9 – System Proven in Operation Conditions

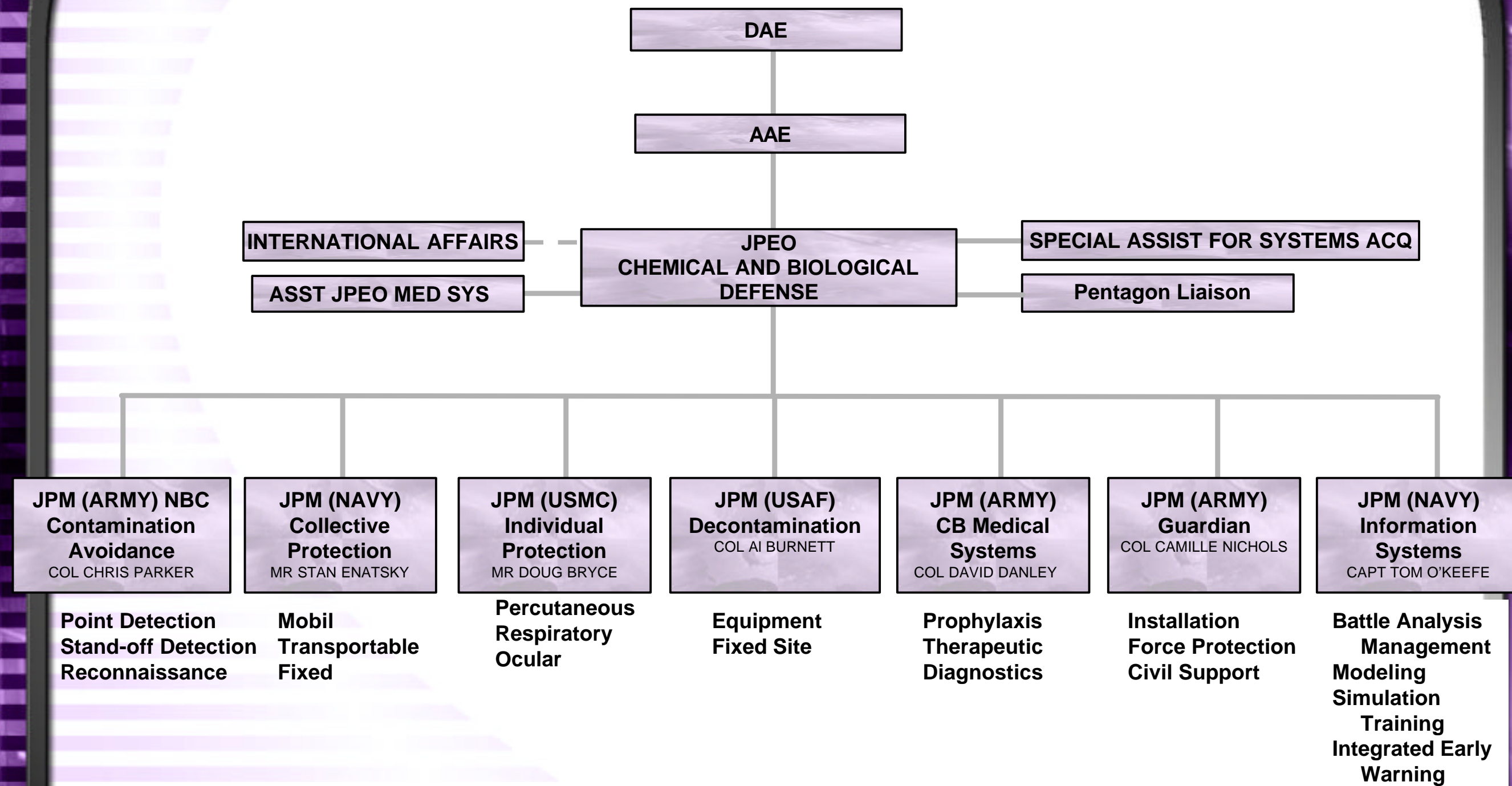
### Contact

Army RDE Command  
 Edgewood Chemical/Biological Center  
 Medical Research & Materiel Command  
 Medical Research Institute of Infectious Diseases  
 Defense Threat Reduction Agency

### Contact

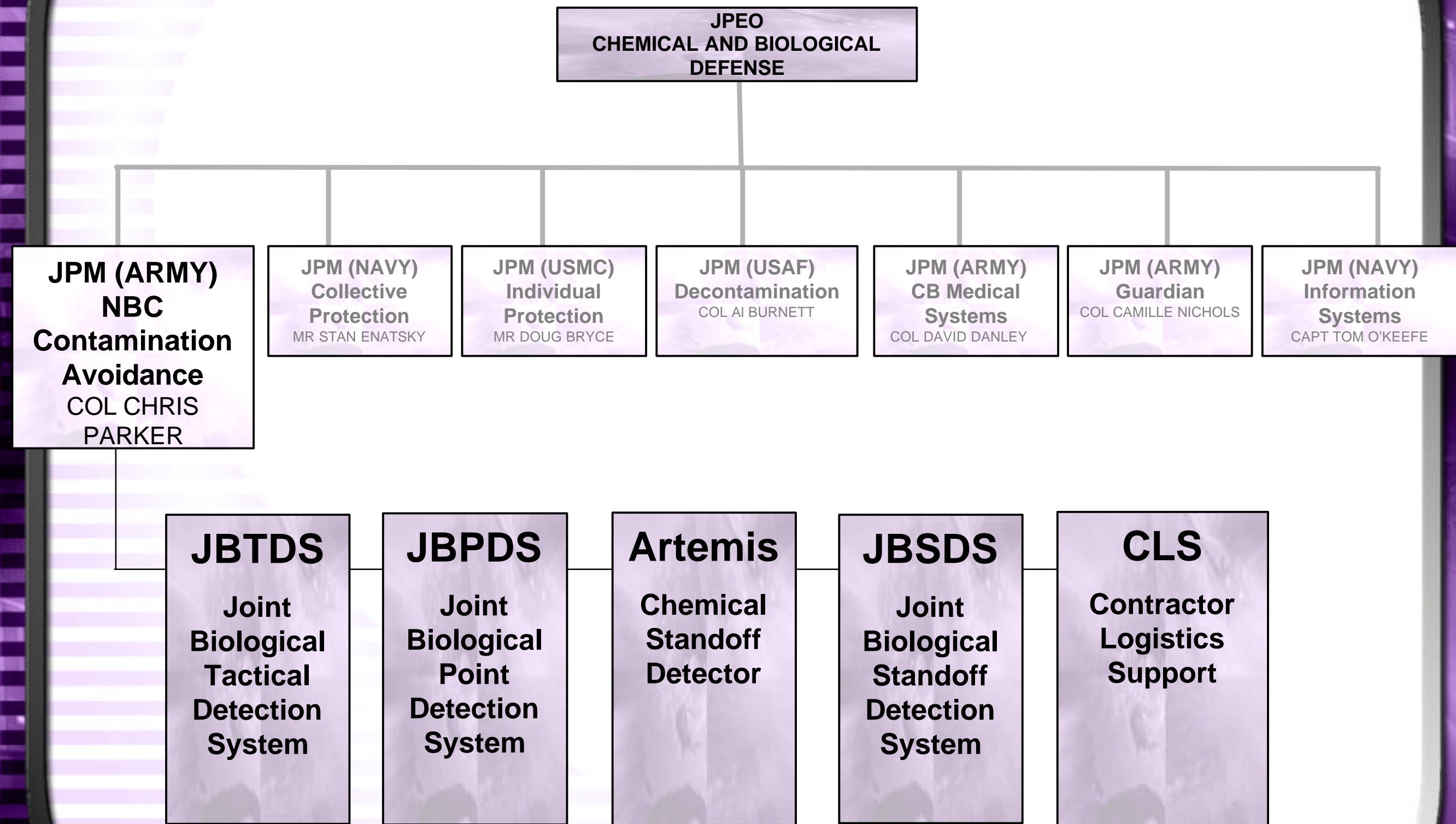
Joint CBDP Program Executive Office  
 Joint CBDP Project Managers

# Joint Program Executive Office for Chemical and Biological Defense



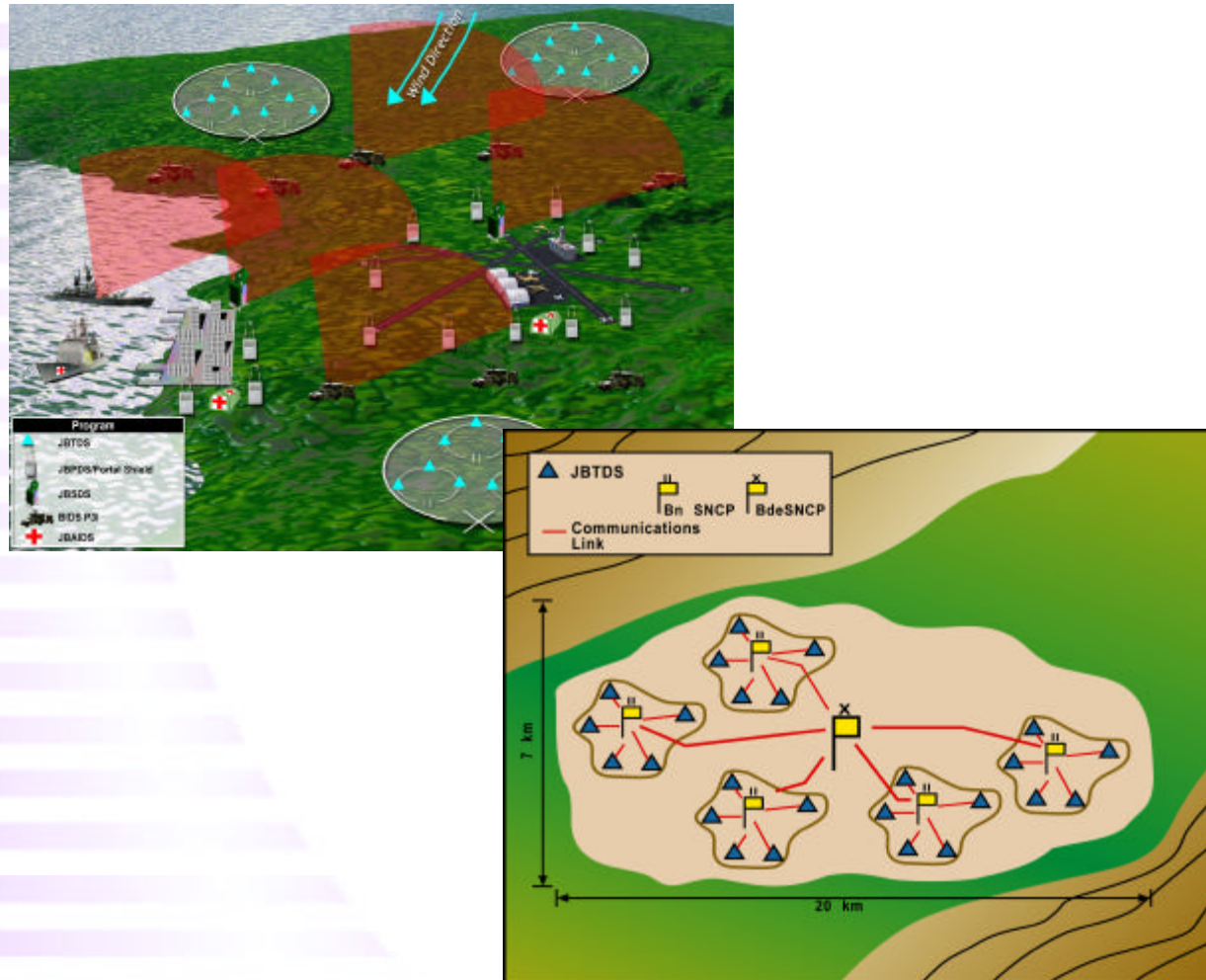


# Joint Program Executive Office for Chemical and Biological Defense





# Joint Biological Tactical Detection System - JBTDS



- Employed As a Network at Wing, Battalion, Squadron & Lower Levels
- Participate in Technology Readiness Evaluations
- Balance Sensitivity, Weight, Power, Unit Cost, & False Alarm Rate

## Future Business Opportunities

- FY05 Request For Proposal (RFP) - Competitive Contract
  - Approx 20-30 Systems
  - Contract Value: \$15-50M
  - Scope:
    - 2.5 yr Effort for Low Rate Initial Production (LRIP) Quantities

# Joint Biological Point Detection System - JBPDS

## Future Business Opportunities

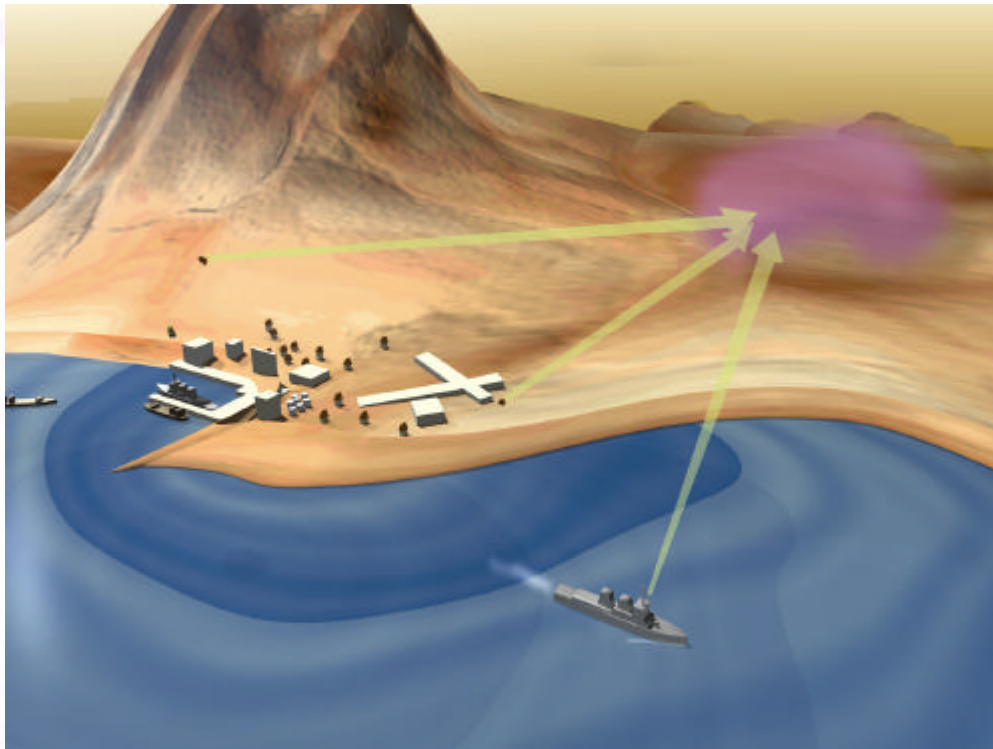


**Rapid and Fully Automated  
Detection, Identification,  
Warning, and Sample Isolation  
of High Threat Biological  
Warfare Agents (BWAs)**

- **3QFY03 Draft Request for Proposal (RFP) Interim Production Contract**
  - **Projected Award: 3QFY04**
  - **Approx 800 Systems**
  - **Contract Value: \$240M with all Options**
- **Request For Proposal (RFP) Full Rate Production**
  - **Projected Award: FY05-07**
  - **Approx 1600 Systems**
  - **Contract Value: \$400M with all Options**



# ARTEMIS – Chemical Standoff Detector



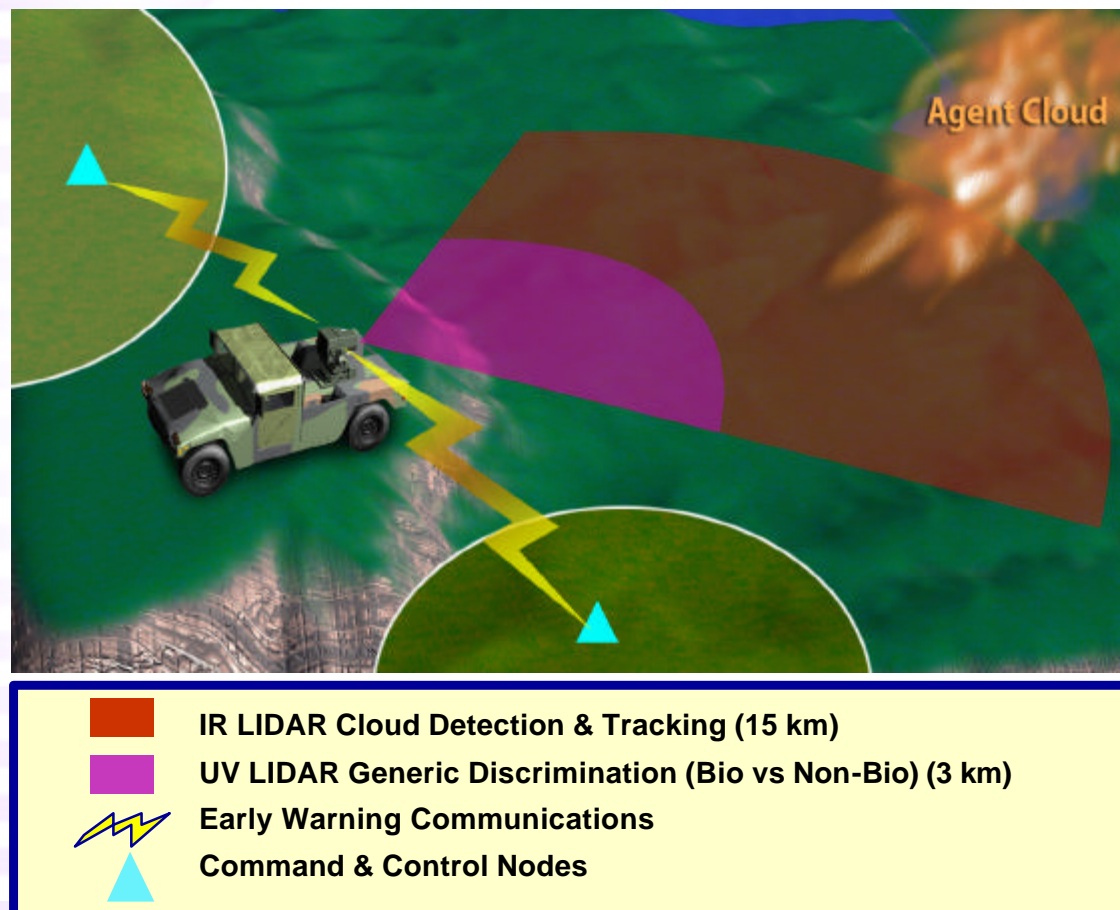
## Active Standoff Chemical Warfare (CW) Detection System

- Identify CW Agent Vapors and Aerosols and Toxic Industrial Chemicals (TICs)
- Near-Real-Time Detection
- Autonomous Operation
- Provide Detailed Mapping and Tracking of Threat Clouds
- Modular Design for Ease of Integration

## Future Business Opportunities

- **FY04 Block I System Development and Demonstration (SDD) Contract**
  - Approx 6 Systems
  - Contract Value: \$25M
- **FY07 Low Rate Initial Production (LRIP)**
  - Approx 6 Systems
  - Contract Value: \$9M
- **FY09 Full Rate Production (FRP)**
  - Approx 100 Systems
  - Contract Value: \$60M

# Joint Biological Standoff Detection System - JBSDS



**Provide Initial Early Warning  
Against a Biological Warfare  
Agent Attack to Allow  
Commanders Time to Make  
Appropriate Decisions.**

## Future Business Opportunities

- **FY05 Block I System Development and Demonstration (SDD) Contract**
  - Approx 24 Systems
  - Contract Value: \$25M
  - Scope: 2 yr Contract
- **FY07 Low Rate Initial Production (LRIP)**
  - Approx 37 Systems
  - Contract Value: \$27M
  - Scope: 1 yr with 1 yr Option
- **FY09 Full Rate Production (FRP)**
  - Approx 485 Systems
  - Contract Value: \$200M
  - Scope: 3 yrs (1 yr w/ two 1-yr Options)



# Umbrella Contractor Logistics Support (CLS)

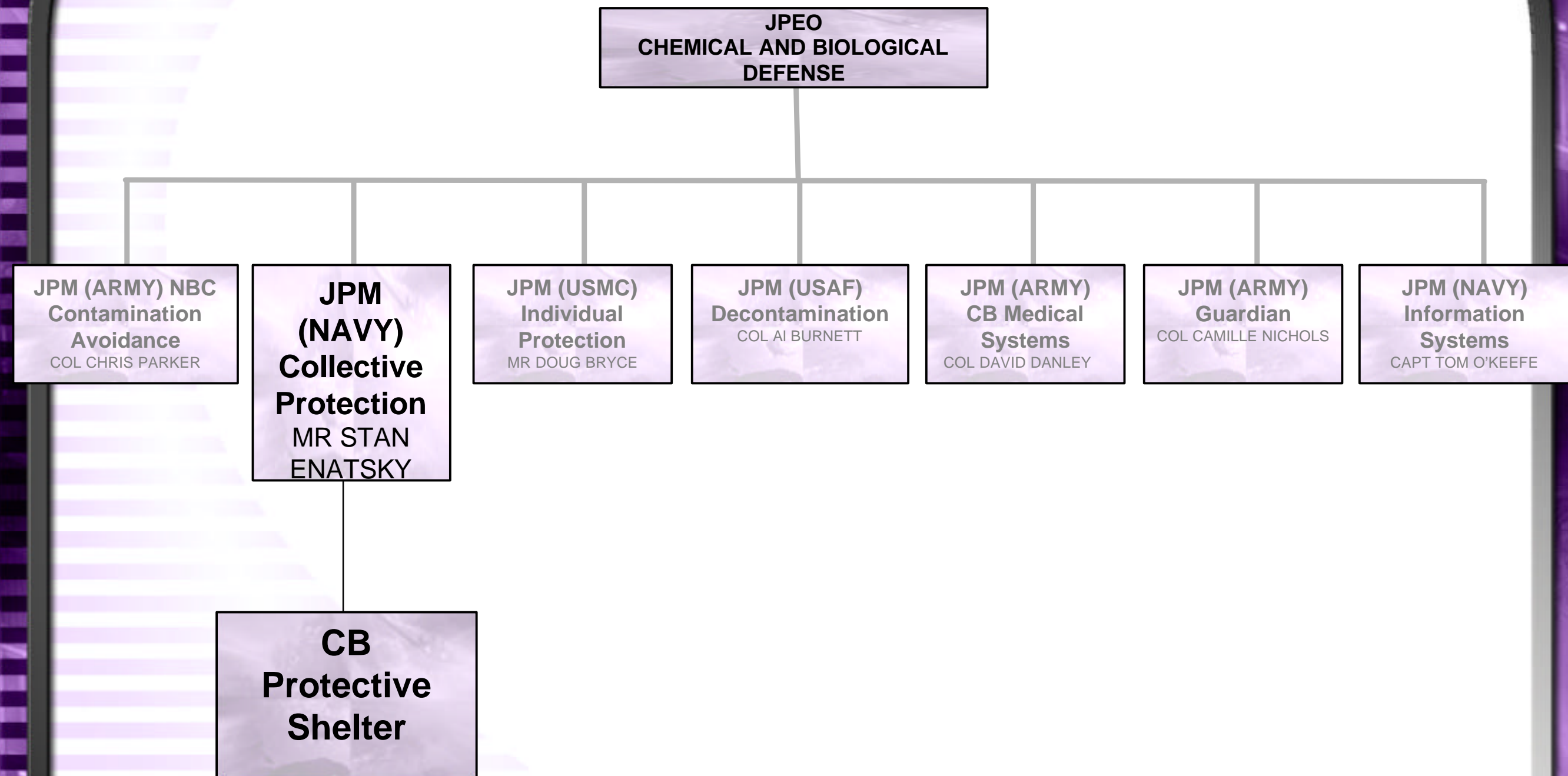


**Contractor Logistics Support (CLS) for Current Force Biological Detection Equipment**

## Future Business Opportunities

- **Umbrella Contractor Logistics Support (CLS) Contract**
- **Contract Value: \$45M**
- **Scope:**
  - **5 Year Contract**
  - **Provide CLS for Current Force Biological Detectors**
    - **BIDS – Biological Integrated Detection System**
    - **Portal Shield**
    - **LR-BSDS – Long Range Biological Standoff Detector System**

# Joint Program Executive Office for Chemical and Biological Defense





# Chem/ Bio Protective Shelter

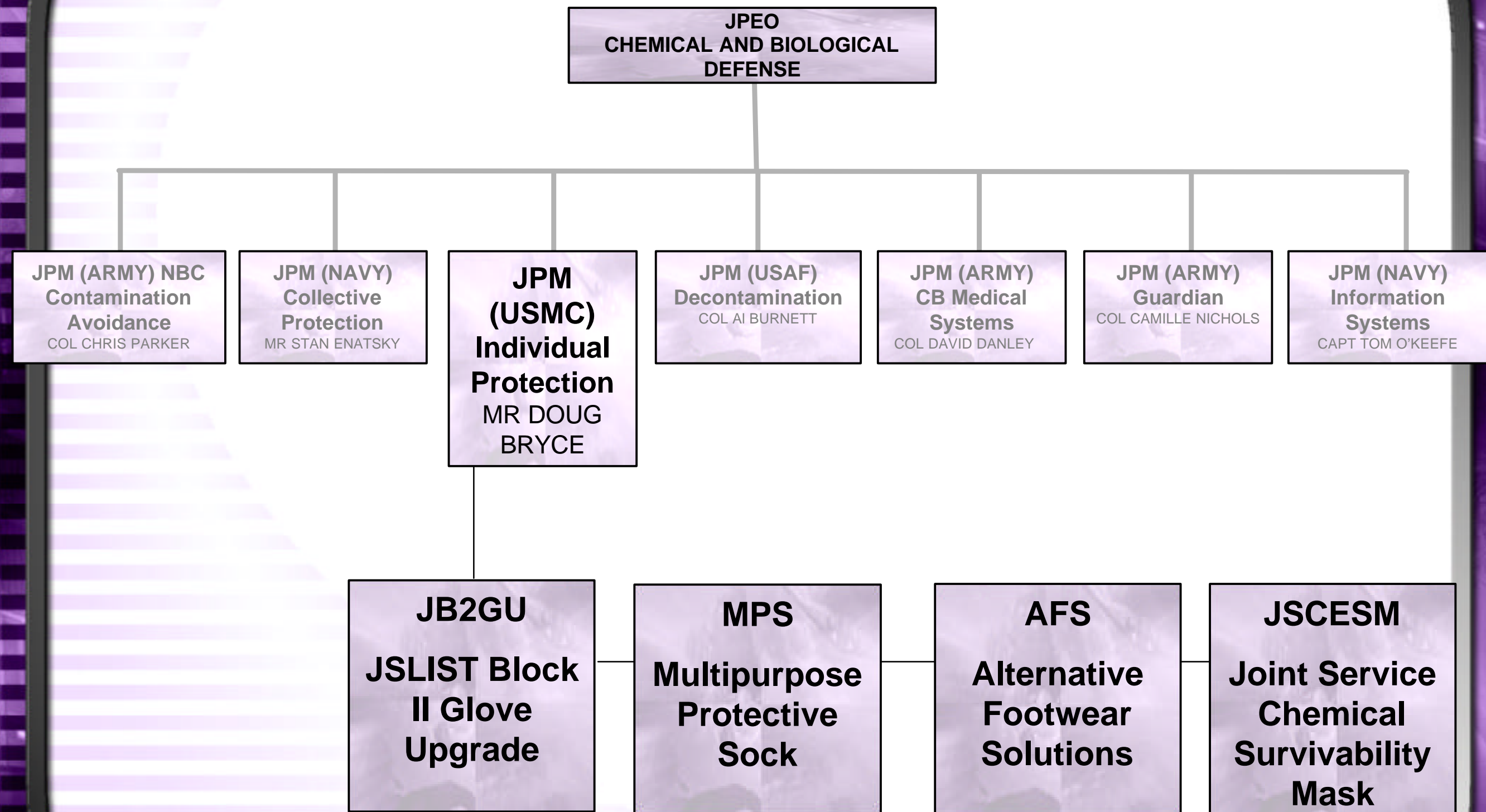


- **Collective Protection for Forward-Deployed Medical Treatment Squads, Companies and Surgical Teams**
- **Highly Mobile, Rapidly Deployable via Air, Rail, or Sea**
- **HMMWV with Lightweight Shelter, Trailer, Airbeam Supported Chemical and Biological Shelter, Environmental Control Unit & Generator**

## Future Business Opportunities

- **Chem/Bio Protective Shelter**
  - **FY06 Competitive Contract**
  - **Approx. 200 Systems**
  - **Contract Value at \$70M**
  - **Scope:**
    - **Procure Rigid Shelters, Soft-Shelters, Environmental Control Units, Trailers**
    - **Integrate Sub-Systems with Government Furnished Equipment: HMMWV, Power Supply, & Chemical, Biological and Radiological Filters**

# Joint Program Executive Office for Chemical and Biological Defense





# Individual Protection Equipment - IPE



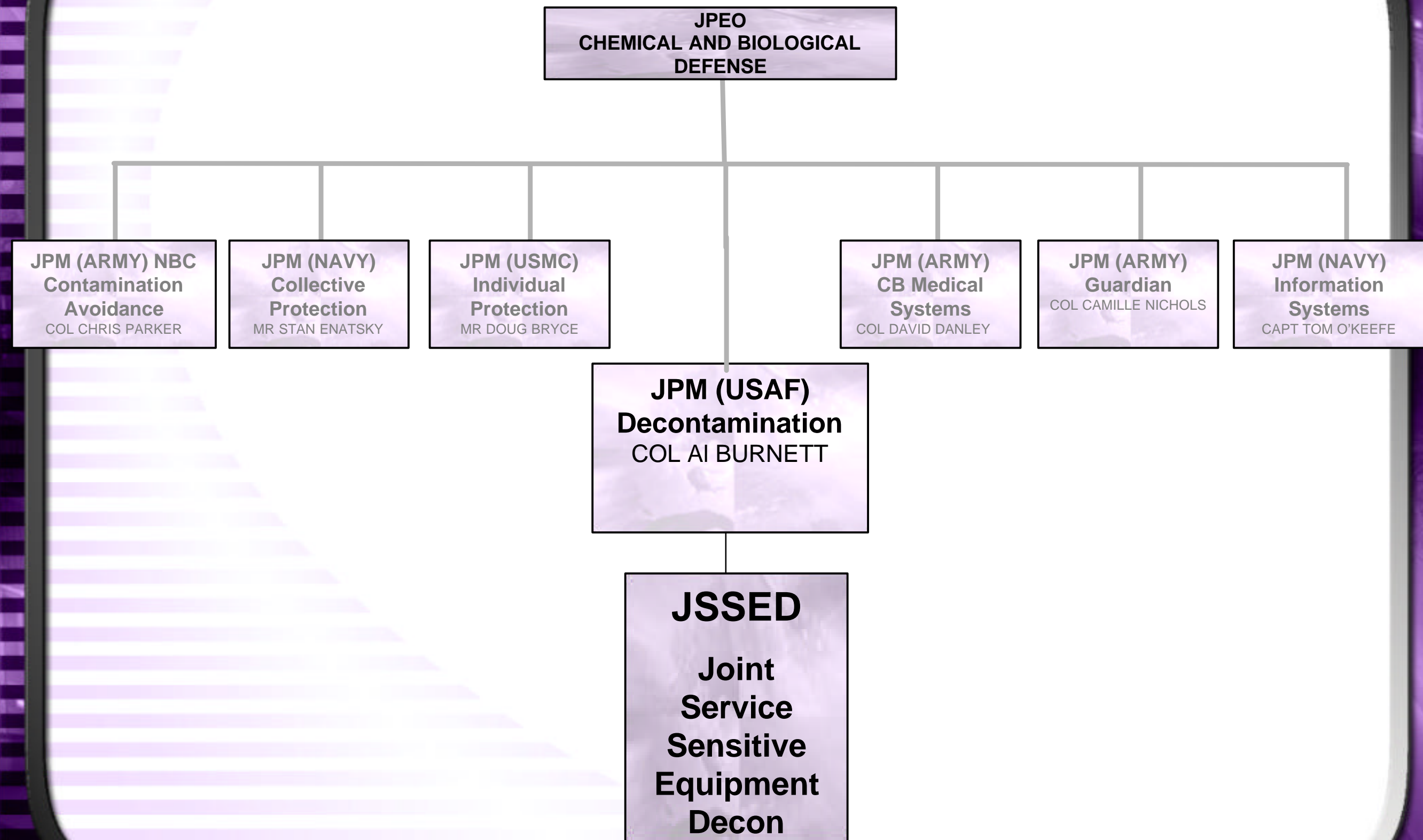
**Provide the Warfighter with Full Spectrum Individual Protection to Include Masks, Suits, Footwear, Gloves, and Ancillary Equipment that Enables Survivability, Mobility, and Lethality in a Chemical and Biological Environment**

\*(FY04-FY09 procurement funding amounts.)

## Future Business Opportunities

- **JB2GU - JSLIST Block II Glove Upgrade:**
  - FY 03 Request For Proposal
  - Contract Value: \$160.5M\*
- **MPS – Multipurpose Protective Sock:**
  - FY 03 Request For Proposal
  - Contract Value: \$9M
- **AFS – Alternative Footwear Solutions**
  - FY04 Request For Proposal for Baseline Test Items
  - Contract Value: \$124.2M
- **JSCEM – Joint Service Chemical Survivability Mask**
  - FY04/05 Request For Proposal
  - Basic Development Contract value of \$400K
  - FY04/FY05 Production Option value of \$7.5M

# Joint Program Executive Office for Chemical and Biological Defense





# Joint Service Sensitive Equipment Decontamination - JSSED

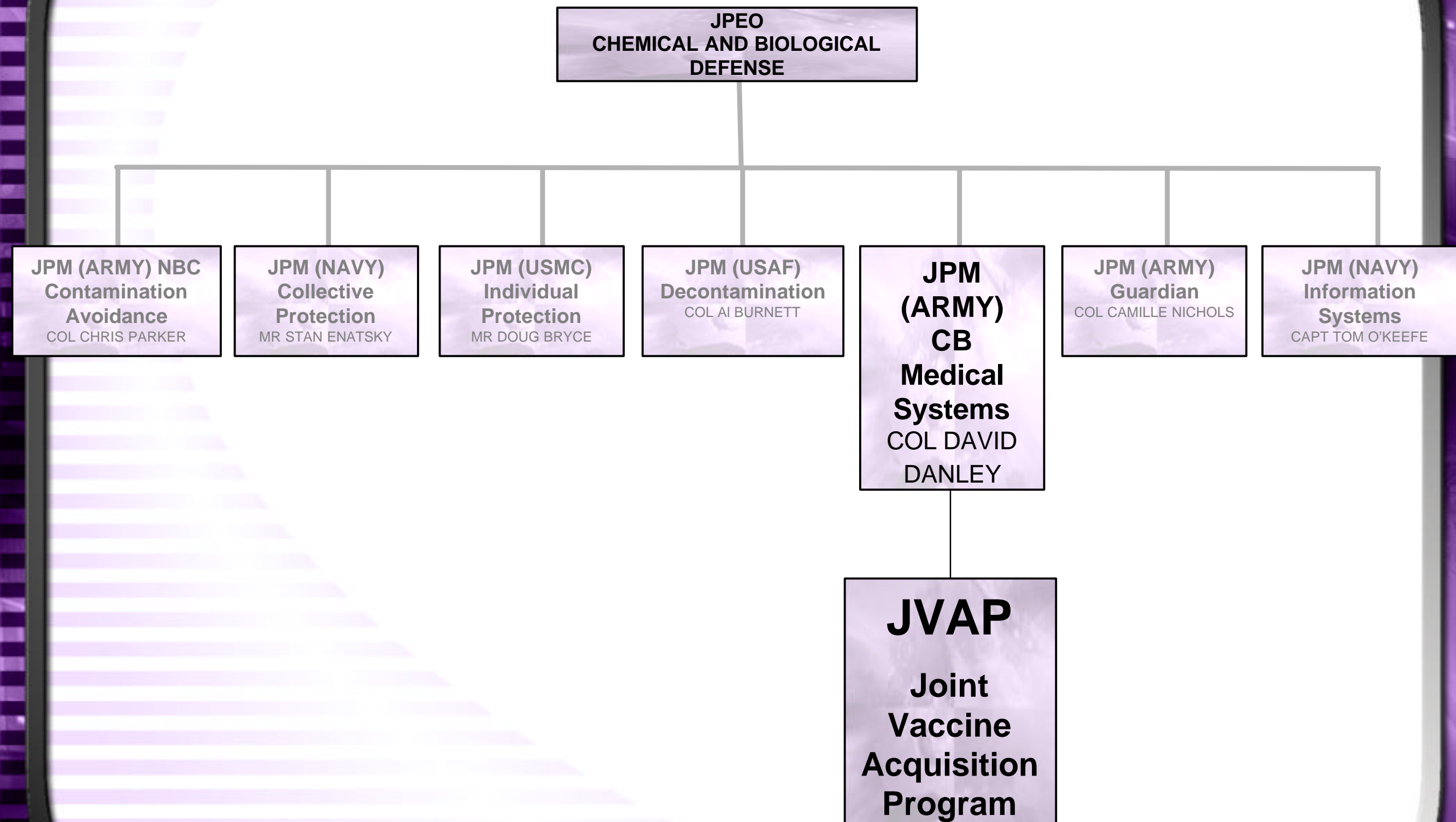
## Future Business Opportunities



**Decontaminate Chemical and  
Biological Warfare Agents  
from Sensitive Equipment,  
Vehicle and Aircraft Interiors,  
and Associated Cargo**

- **FY 05 Request For Proposal (Block II, Phase II, Spot Decon)**
  - Contract Value: \$5M
  - Scope: for Liquid Contaminating Agents,
  - Integrate with COTS Applicator
    - Objective: \$100 One Time use Item
    - Option to Produce in 45,000 Systems in FY09 (Phase III) – Value: \$15M
- **FY06 Request For Proposal (Block II, Phase II, Full interior Decon)**
  - Contract Value: \$5M
  - Scope:
    - System Development/Demo
    - Objective: \$150K per System
    - Option to Produce 30 Systems in FY09 (Phase III)

# Joint Program Executive Office for Chemical and Biological Defense





# Joint Vaccine Acquisition Program - JVAP

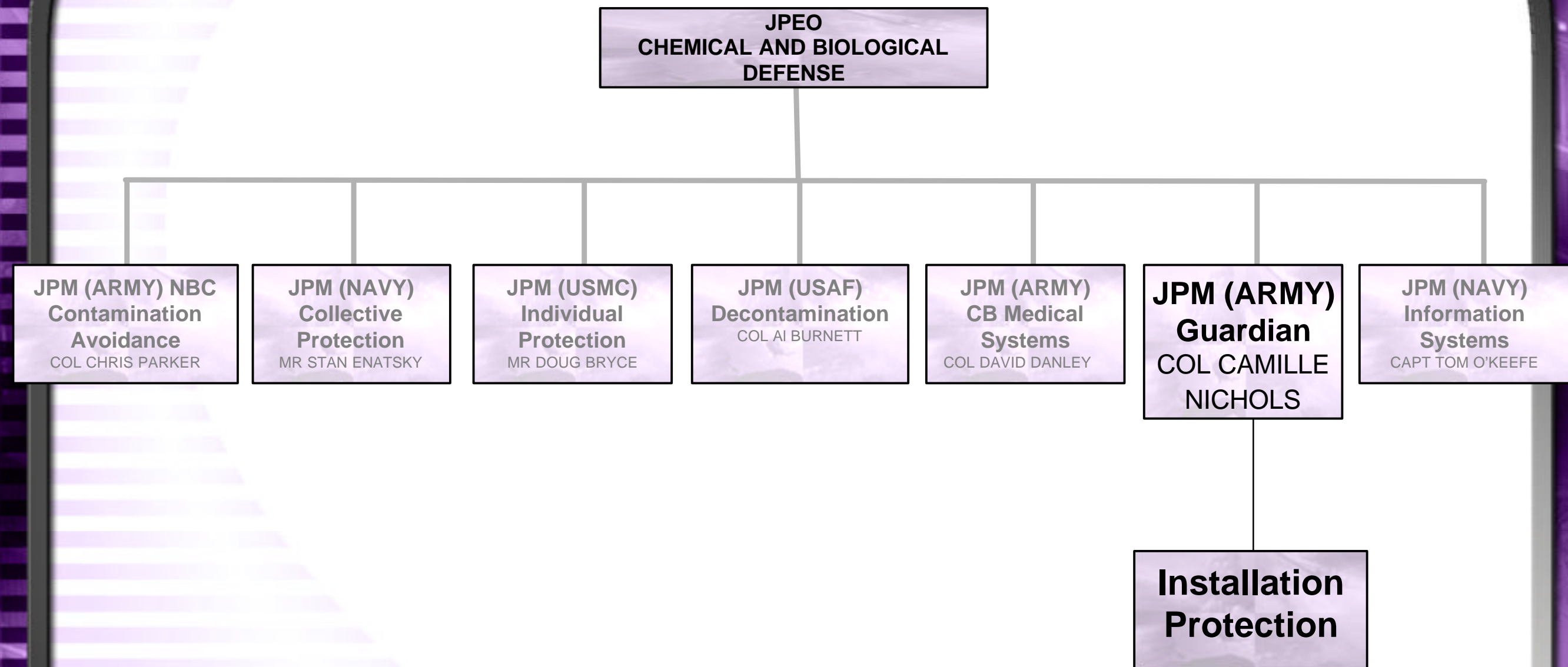


The Joint Vaccine Acquisition Program (JVAP) is the DoD Activity Responsible for the Development and Production of FDA-Licensed Vaccines and Antisera to Protect the Warfighter in a Biological Warfare Environment.

## Future Business Opportunities

- **DynCorp Vaccine Company (DVC) Subcontracts most Vaccine Work Elements**
  - Production Scale-up
  - Clinical Trials
  - Sample Testing
- **FY04 Vaccine Efforts (Subcontractors Should Contact DVC)**
  - Next Generation Anthrax Vaccine
  - Plague Vaccine
  - Botulinum Vaccine
  - Venezuelan Equine Encephalitis Vaccine

# Joint Program Executive Office for Chemical and Biological Defense





# JPM – Guardian (Installation Protection)

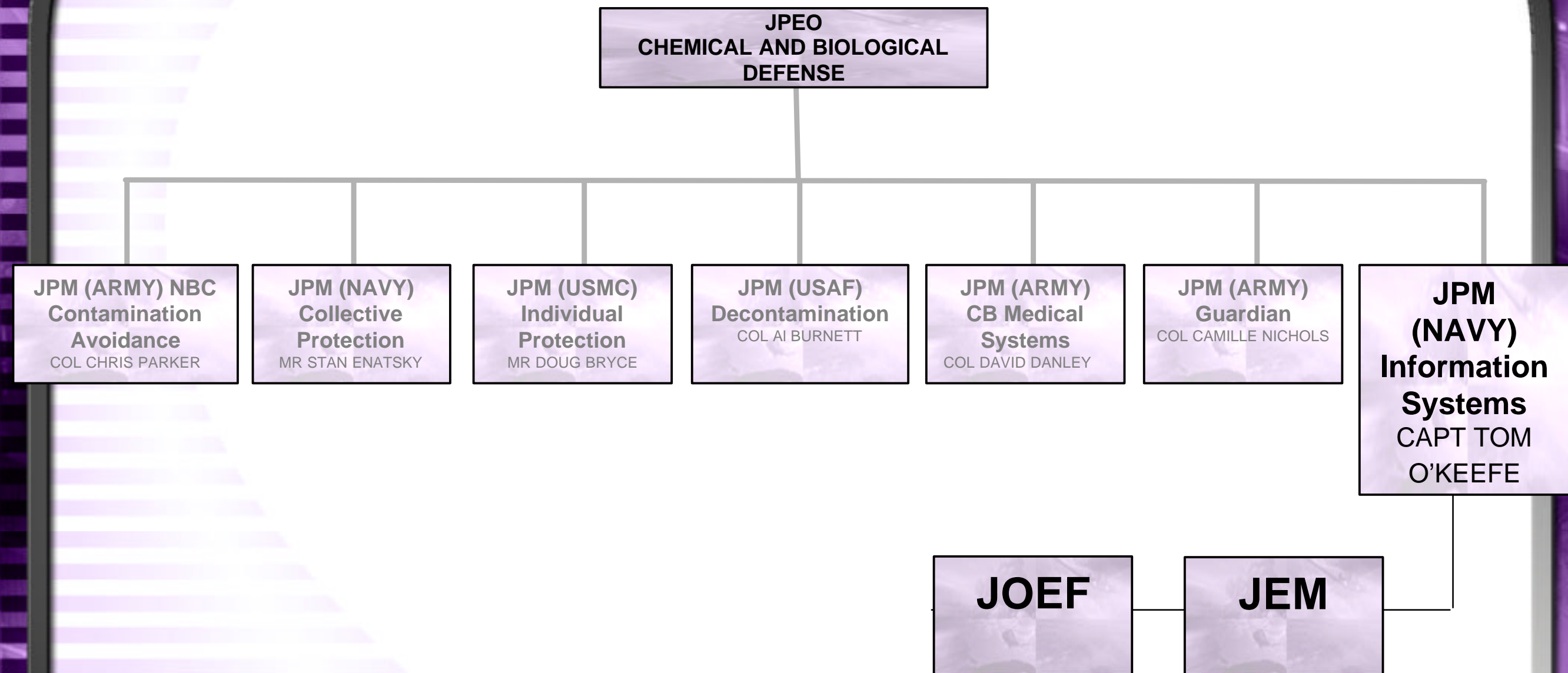


**Provide an Effective CBRN Protection, Detection, Identification and Warning, Medical Response, and Information Management for Installation Protection**

## Future Business Opportunities

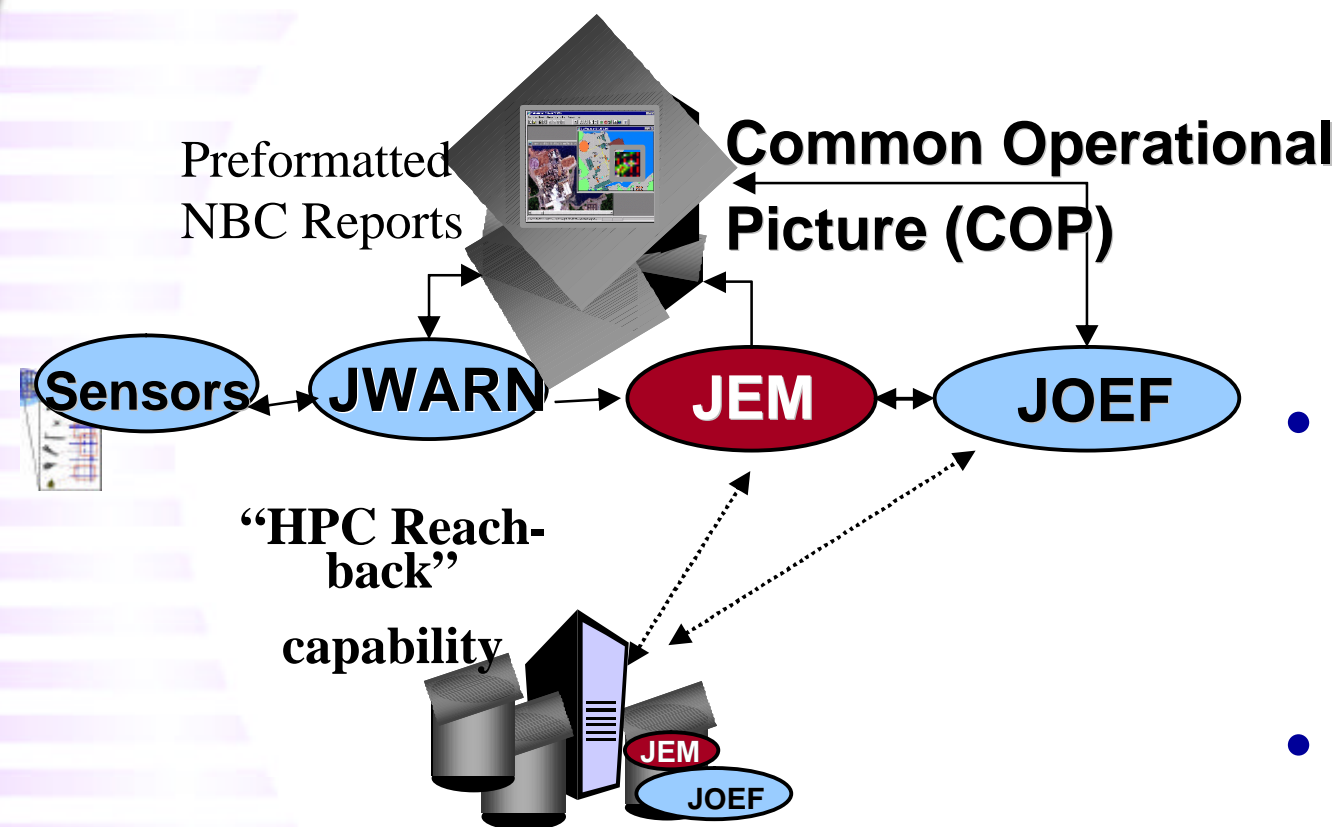
- **2QFY04 Systems Integrator Contract**
- **Contract Value: \$400M+**
- **Scope:**
  - **Deliver a Fully Integrated CBRN Installation Protection Package For 200 Installations**
  - **Provide Pre-installation Surveys, Installation Support Agreements, Appropriate Licensing, and Operations/logistics, and Maintenance Support**
  - **Provide Fielding, Training and Exercise Support**

# Joint Program Executive Office for Chemical and Biological Defense





# Joint Effects Model - JEM

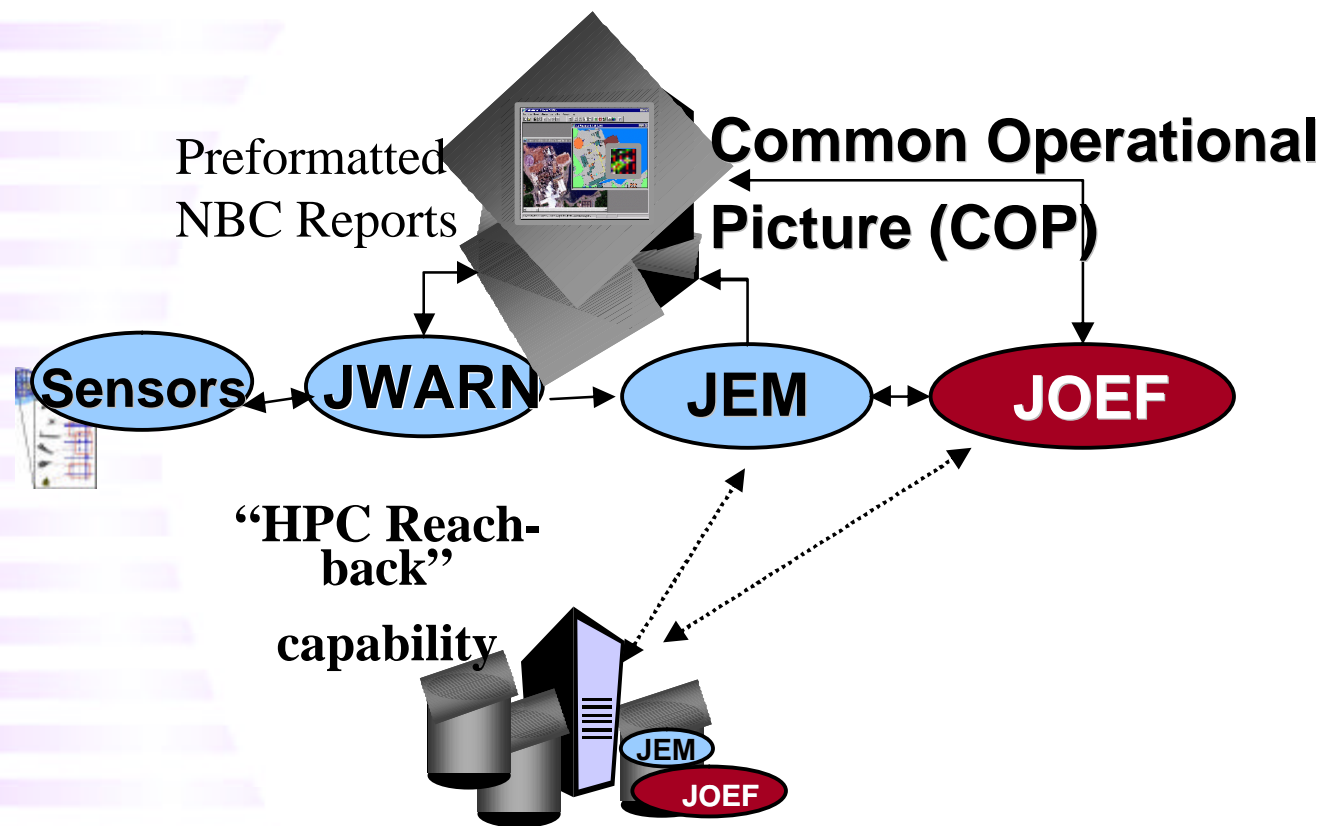


**A Software System that Models the Transport and Diffusion of Hazardous Materials: Chemical, Biological, Radiological, Toxic Industrial Chemicals (TICs), & Toxic Industrial Materials (TIMs)**

## Future Business Opportunities

- 2QFY04 Request For Proposal for System Development & Demo (Block 2)
- 2QFY04 Request For Proposal for System Integration (Block 2 and 3)
- 2QFY06 Request For Proposal for System Development & Demo (Block 3)
- **Scope:**
  - Value: \$7-12M (for blocks 2 & 3)

# Joint Operational Effects Federation - JOEF



## Future Business Opportunities

- Date: TBD - Request For Proposal (RFP) for System Development & Demo (Block 1)
- Contract Value: \$2.5 - 4M

**JOEF will be the First Chemical, Biological, Radiological and Nuclear Information System to Help the Warfighter Evaluate how CBRN Events Affect Operations**



## For Future Information

Please Visit the JPEO Website: [www.jpeocbd.osd.mil](http://www.jpeocbd.osd.mil)

### Request for Proposal Notification Sites

**US Army Space and Missile Defense Command:**

<http://www.smdc.army.mil/Contracts/Contracts.html>

**Acquisition Net Business Opportunities:**

<http://www.acqnet.gov/FedBusOpps/>

**Robert Morris Acquisition Center :**

<http://w3.arl.army.mil/contracts/>

**DOD Business Opportunities:**

<http://www.dodbusopps.com/>

**Federal Business Opportunities:**

[www.fedbizopps.gov](http://www.fedbizopps.gov)





***The BEST Technology and Equipment***

***At the RIGHT PLACE***

***At the RIGHT TIME***

***At the RIGHT COST***

**BG Steve Reeves**



**JPEO Chemical & Biological Defense**

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